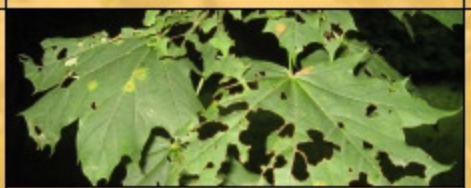
WINTER MOTH CONTROL STEPS

Time of Year	Moth Activity	Steps You Can Take
NOVEMBER -- JANUARY	 photo: D. Swanson **MOTHS ON TREES** photo of male swarming on tree attracted by female	• **Tape and band trees with sticky substance tape** **- Prevents females from laying eggs on tree** ***See reverse for "sticky" product information***
APRIL	 photo: R. Childs **EGGS ON TREES** photo of newly hatched eggs on fiber strip	• **Spray a dormant oil on trunk and branches before leaves emerge.** **- Kills overwintering eggs** • **Encourage birds** • **Keep trees/shrubs moist & top-dress with compost**
MAY	 photo: MaIne Forest Service **INCHWORMS EAT LEAVES**	• **Apply *Bacillus thuringiensis* var. *kurstaki* (Btk), to emerging leaves** **- kills young inchworms feeding on leaves** ***Non-selective – kills many species of butterflies & moths*** ***Pesticides- spinosad & permethrin are toxic to fish, mollusks & aquatic invertebrates***
JUNE - NOVEMBER	 photo: S. Vachon **LEAF DAMAGE ON TREE**	• **Do not remove landscape material (soil, plants, & weeds) from infested areas** • **Keep trees & shrubs well watered and top dress with compost** **(Earthen cocoons of winter moth are in the soil and can easily be spread to a new location)**

Town of Harpswell Conservation Commission
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Our thanks to the Maine Forest Service

WINTER MOTH CONTROLS

Autumn –Tree Banding

- **Instructions for tree barrier banding**

http://winnipeg.ca/publicworks/bugline/cankerworms/treebanding.stm (includes instructional video)

http://extension.umd.edu/publications/PDFs/FS476.pdf

- **Tanglefoot™ type products available**:

http://www.biconet.com/tree/TangleStickyTreeBand.html

http://www.treebands.com/home

www.amleo.com www.buycheaper.com

www.amazon.com and www.ebay.com Search Tanglefoot

Spring – Egg & Inchworm Control

- **Recipe for making horticultural dormant oil**

www.ehow.com/ehow_home-pests-and-weeds

- **Horticultural dormant oil products available at local nurseries**

References:

Town of Harpswell: http://www.harpswell.maine.gov/ Under WHAT'S NEW..

Maine Forest Service: http://www.maine.gov/doc/mfs/InvasiveThreats.htm

University of Massachusetts: http://extension.umass.edu/landscape/news/winter-moth-update-4262012